

ABSTRACT STATEMENT AGGREGATION AND GROUPING SUPPORT

ABSTRACT OF THE DISCLOSURE

A method, system and article of manufacture for processing queries that are executed against a database and, more particularly, for processing aggregation queries that are executed against a database. One embodiment provides a method of constructing queries selectively capable of returning aggregation information related to data in a database. The method comprises receiving user input specifying at least one result criterion for an abstract query comprising one or more logical fields, each corresponding to a logical field specification of a data abstraction model abstractly describing the data in the database, each result criterion corresponding to a logical field for which data is to be returned, receiving user input specifying selection criteria for the abstract query, receiving user input specifying an aggregation operation to be performed with respect to the at least one result criterion for generating aggregation information, and associating the at least one result criterion with the aggregation operation in a manner allowing user selection of whether to perform the aggregation operation with respect to the at least one result criterion without requiring user-made changes to the abstract query.